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Mark D. Lorusso

Boston, MA 02109

Lorusso Loud & Kelly LLP

440 Commercial Street

United States Patent and Trademark Office

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CORRECTED NOTICE OF ALLOWANCE AND FEE(S) DUE

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08/01/2005

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EXAMINER

CASTRO, ARNOLD

PAPER NUMBER

3747

ART UNIT

AUG 1 1 2005

DATE MAILED: 08/01/2005

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/698,806	10/31/2003	Ernst Wintner	TRG-319	2450

TITLE OF INVENTION: INTERNAL COMBUSTION ENGINE

	APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
$\overline{}$	nonprovisional	NO	\$1400	\$300	\$1700	11/01/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

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If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B -Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

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B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

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III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

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Complete and send this form, together with applicable fee(s), to: Mail

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7590 08/01/2005				have its own certificat	al paper, such as an assignme e of mailing or transmission.	in or romai drawing, must			
Mark D. Lorusso Lorusso Loud & K 440 Commercial S Boston, MA 0210	Kelly LLP Street			Ce I hereby certify that the States Postal Service addressed to the Ma transmitted to the USI	rtificate of Mailing or Trans his Fee(s) Transmittal is being with sufficient postage for fir il Stop ISSUE FEE address PTO (571) 273-2885, on the d	mission g deposited with the United st class mail in an envelope above, or being facsimile late indicated below.			
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						(Signature)			
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENT		INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.			
10/698,806	10/31/2003		Ernst W	intner	TRG-319	2450			
TITLE OF INVENTION: I	NTERNAL COMBUSTION	ENGINE							
APPLN. TYPE	SMALL ENTITY	ISSUE FEE		PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE			
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PLEASE NOTE: Unless recordation as set forth in	s an assignee is identified be n 37 CFR 3.11. Completion of	low, no assignee date of this form is NOT a	a will appe substitute f	ear on the patent. If an assign for filing an assignment,	nee is identified below, the d	ocument has been filed for			
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/698,806	10/31/2003	Ernst Wintner	TRG-319	2450		
75	90 08/01/2005		TRG-319 EXAMINER CASTRO, ARNOLI	INER		
* - *	Mark D. Lorusso					
Lorusso Loud & Ke 440 Commercial St	•		ART UNIT	PAPER NUMBER		
Boston, MA 02109			3747			
			DATE MAILED: 08/01/2005	5 ·		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 66 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 66 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

	Application No.	Applicant(s)							
1	10/698,806	WINTNER ET AL.							
Notice of Allowability	Examiner	Art Unit							
	Amold Castro	3747							
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- The MAILING DATE of this communication appears on the cover sheet with the correspondence address-All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.									
1. This communication is responsive to									
2. The allowed claim(s) is/are 1-30.									
3. A The drawings filed on 31 October 2003 are accepted by	the Examiner.								
 4. ☑ Acknowledgment is made of a claim for foreign priority (a) ☑ All b) ☐ Some* c) ☐ None of the: 1. ☑ Certified copies of the priority documents had 2. ☐ Certified copies of the priority documents had also one of the priority docum	ve been received.								
3. Copies of the certified copies of the priority d			tion from the						
International Bureau (PCT Rule 17.2(a)).									
* Certified copies not received:									
Applicant has THREE MONTHS FROM THE "MAILING DATE noted below. Failure to timely comply will result in ABANDON THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		complying with the red	quirements ·						
5. A SUBSTITUTE OATH OR DECLARATION must be sub INFORMAL PATENT APPLICATION (PTO-152) which gi			OTICE OF						
6. CORRECTED DRAWINGS (as "replacement sheets") m	ust be submitted.								
(a) I including changes required by the Notice of Draftspe	rson's Patent Drawing Review (PTO-	948) attached	•						
1) hereto or 2) to Paper No./Mail Date	<u></u>								
(b) ☐ including changes required by the attached Examine Paper No./Mail Date	r's Amendment / Comment or in the C	office action of							
Identifying Indicia such as the application number (see 37 CFR each sheet. Replacement sheet(s) should be labeled as such in			back) of						
7. DEPOSIT OF and/or INFORMATION about the department regarding REQUIREMENT			Note the						
Attachment(s) 1. ☑ Notice of References Cited (PTO-892)	5. Notice of Informal P	atent Application (PTC	D-152)						
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	6. Interview Summary	(PTO-413),	,						
3. No Information Disclosure Statements (PTO-1449 or PTO/SB Paper No./Mall Date 10/3/12003	Paper No./Mail Dat √08), 7. ☐ Examiner's Amenda								
4. ☐ Examiner's Comment Regarding Requirement for Deposit		nt of Reasons for Allo	wance						
of Biological Material	9. Other		•						
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	A	US-2003/0136366 A1	07-2003	Herdin	et al.		•	123/143.00B	
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	С	US-6,428,307 B1	08-2002	Early et	al.			431/1	
	D	US-6,382,957 B1	05-2002	Early et	al.			431/1	
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U.S. Patent and Trademark Office PTO-892 (Rev. 01-2001)

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NEW CENTRAL FAX NUMBER

Effective July 15, 2005

On <u>July 15, 2005</u>, the Central FAX Number will change to **571-273-8300**. This new Central FAX Number is the result of relocating the Central FAX server to the Office's Alexandria, Virginia campus.

Most facsimile-transmitted patent application related correspondence is required to be sent to the Central FAX Number. To give customers time to adjust to the new Central FAX Number, faxes sent to the old number (703-872-9306) will be routed to the new number until September 15, 2005.

After September 15, 2005, the old number will no longer be in service and 571-273-8300 will be the only facsimile number recognized for "centralized delivery".

CENTRALIZED DELIVERY POLICY: For patent related correspondence, hand carry deliveries must be made to the Customer Service Window (now located at the Randolph Building, 401 Dulany Street, Alexandria, VA 22314), and facsimile transmissions must be sent to the Central FAX number, unless an exception applies. For example, if the examiner has rejected claims in a regular U.S. patent application, and the reply to the examiner's Office action is desired to be transmitted by facsimile rather than mailed, the reply must be sent to the Central FAX Number.